BISS Biodiversity Information Science and Standards

Biodiversity Information Science and Standards 3: e37374
doi: 10.3897/biss.3.37374

OPEN ACCESS

Conference Abstract

TaxonWorks 1.0?

Matthew Yoder[‡], Dmitry A Dmitriev[§], José Luis Pereira[|], James R Flood[¶], James D Tucker[¶], Hernán Pereira[|], Marilyn Beckman[¶]

‡ University of Illinois, Champaign, United States of America
§ University of Illinois at Urbana-Champaign, Champaign, United States of America
| Facultad de Ciencias Naturales y Museo de la Universidad Nacional de La Plata, La Plata, Argentina
¶ Illinois Natural History Survey, Champaign, United States of America

Corresponding author: Matthew Yoder (diapriid@gmail.com)

Received: 16 Jun 2019 | Published: 26 Jun 2019

Citation: Yoder M, Dmitriev D, Pereira J, Flood J, Tucker J, Pereira H, Beckman M (2019) TaxonWorks 1.0? Biodiversity Information Science and Standards 3: e37374. https://doi.org/10.3897/biss.3.37374

Abstract

TaxonWorks is an open-source workbench for biodiversity researchers. With several years of development behind it, we highlight its present status, and discuss if and when it makes sense to release a version 1.0, i.e. software completed to specific stage. TaxonWorks' scope is broad; it seeks to touch nearly all areas that might be of interest to taxonomists, i.e. those who integrate everything that is known about a taxon into a single resource. Its role as a software platform is placed in a broader context, where many instances of TaxonWorks each can support multiple research projects. Instances may be supported by individuals or organizations. A suite of technical tools including containerization and unit tests facilitate collaboration at many different levels. TaxonWorks is a research tool, mechanisms for analyzing the results of data curation including its application programing interface are described.

The long-term development of TaxonWorks is supported by an endowment to the Species File Group. Its source is available on Github.

Keywords

software, VRE, taxonomists, workbench, open-source

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Presenting author

Matthew Yoder, Dmitry Dmitriev

Presented at

Biodiversity_Next 2019

Acknowledgements

Elizabeth Frank (Retired, INHS) and Fauzi Klima (Oregon State) also contributed hundreds of commits to the code base. Many others have contributed to the software in numerous other ways. TaxonWorks is made possible by an endowment of the Species File Group.

Author contributions

All authors contributed over 250 commits to the code base of TaxonWorks.